

IN THE CLAIMS:

1. and 2. (Cancelled)

3. (Currently Amended) A dextran-coated carrier having a surface with a connection between the dextran disposed as coating on the carrier formed by a photolinker, said dextran coating being formed on and covalently attached to said carrier by co-immobilization resulting from a mixture of the dextran and a 3-trifluoromethyl-3-(m-isocyanophenyl)-(m-isothiocyanophenyl)-diazirine (TRIMID)-modified aminodextran, wherein the dextran is attached to the carrier through a component resulting from the irradiation of the 3-trifluoromethyl-3-(m-isocyanophenyl)-(m-isothiocyanophenyl)-diazimine diazirine (TRIMID)-modified aminodextran.

4. and 5. (Cancelled)

6. (Previously Presented) A dextran-coated surface according to claim 3, wherein said carrier surface is coated with a polymer film.

7. (Original) A dextran-coated surface according to claim 6, wherein said polymer film consists of one of polyimide and poly-(p-xylylene).

8. (Previously Presented) A dextran-coated surface according to claim 3, wherein said carrier surface is a surface of a mass-sensitive sensor.

9. (Previously Presented) A dextran-coated surface according to claim 8, wherein said mass-sensitive sensor is surface acoustic waves conductive component.

10. (Previously Presented) A dextran-coated surface according to claim 3, wherein said carrier surface is a surface of an optical or electro-mechanical sensor.

11. to 15. (Canceled)